

Name : \_\_\_\_\_

Score : \_\_\_\_\_ Date : \_\_\_\_\_

## Solving Two-Step Equations

Find x.

①  $5x + 10 = 35$

x = \_\_\_\_\_

②  $9 + 9x = 9$

x = \_\_\_\_\_

③  $9x + (-4) = -4$

x = \_\_\_\_\_

④  $\frac{x}{9} - 1 = -2$

x = \_\_\_\_\_

⑤  $6(x + 2) = 30$

x = \_\_\_\_\_

⑥  $\frac{2}{3}x + 7 = -1$

x = \_\_\_\_\_

⑦  $4(x - 1) = 24$

x = \_\_\_\_\_

⑧  $-4 + \frac{5}{4}x = 1$

x = \_\_\_\_\_

⑨  $3(x + 2) = 15$

x = \_\_\_\_\_

⑩  $0 = 4 + \frac{x}{5}$

x = \_\_\_\_\_

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## Solving Two-Step Equations

### Answers.

①  $5x + 10 = 35$

$x = \underline{5}$

②  $9 + 9x = 9$

$x = \underline{0}$

③  $9x + (-4) = -4$

$x = \underline{0}$

④  $\frac{x}{9} - 1 = -2$

$x = \underline{-9}$

⑤  $6(x + 2) = 30$

$x = \underline{3}$

⑥  $\frac{2}{3}x + 7 = -1$

$x = \underline{-12}$

⑦  $4(x - 1) = 24$

$x = \underline{7}$

⑧  $-4 + \frac{5}{4}x = 1$

$x = \underline{4}$

⑨  $3(x + 2) = 15$

$x = \underline{3}$

⑩  $0 = 4 + \frac{x}{5}$

$x = \underline{-20}$